

Form PTO-1449 (modified)

Atty. Docket N .

Serial No.

UTSC:484USC1/TMB

09/943,984

List of Patents and Publications for Applicant's

Applicants

Mien-Chie Hung and Naoto T. Ueno

INFORMATION DISCLOSURE STATEMENT

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Filing Date:

August 31, 2001

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U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date if App.
dc	A1	5,643,567	7/01/97	Hung, et al.			
	A2	5,641,484	6/24/97	Hung et al.	424	93.2	
	A3	4,394,448	7/19/83	Szoka, Jr. et al.	435	172	
	A4	5,776,743	7/7/98	Frisch			
	A5	5,651,964	7/9/97	Hung et al.	424	93.2	
	A6	5,814,315	9/29/98	Hung et al.	424	93.2	
dc	A7	6,271,207	8/7/01	Cristiano et al.	514	44	

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
dc	B1	WO 95/16051	06-15-95	PCT			
	B2	WO 95/13813 A	05/26/95	PCT			
	B3	WO 94/21115	09/29/94	PCT			
	B4	WO 93/03769	03/04/93	PCT			
	B5	WO 92/10573 A	06/25/92	PCT			
	B6	WO 90/15595	12/27/90	PCT			
dc	B7	WO 90/08759 A	08/09/90	PCT			

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
dc	C1	Akiyama et al., "Genistein, a Specific Inhibitor of Tyrosine-Specific Protein Kinases," <i>J. Biol. Chem.</i> , 262(12):5592-5595, 1987.

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Examiner:

Deborah Cronch

Date Considered:

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de	C2	Bacus <i>et al.</i> , Differentiation of cultured human breast cancer cells (AU-565) and MCF-7) associated with loss of cell surface <i>HER-2/neu</i> antigen. <i>Mol. Carcinog.</i> , 3:350-362, 1990.
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	C4	Bargmann & Weinberg, "Increased Tyrosine Kinase Activity Associated with the Protein Encoded by the Activated <i>neu</i> Oncogene," <i>Proc. Natl. Acad. Sci. USA</i> , 85:5394-5398, 1988.
	C5	Bargmann <i>et al.</i> , "Multiple Independent Activations of the <i>neu</i> Oncogene by a Point Mutation Altering the Transmembrane Domain of p185," <i>Cell</i> , 45:649-657, 1986.
	C6	Bargmann <i>et al.</i> , "The <i>neu</i> Oncogene Encodes an Epidermal Growth Factor Receptor-Related Protein," <i>Nature</i> , 319:226-230, 1986.
	C7	Berk and Sharp, "Structure of the Adenovirus 2 Early mRNAs," <i>Cell</i> , 14:695-711, 1978.
	C8	Berk, "Adenovirus Promoters and E1A Transactivation," <i>Ann. Rev. Genet.</i> , 20:45-79, 1986.
	C9	Bishop JM "The molecular genetics of cancer," <i>Science</i> , 235 (4786), p305-11, 1987.
	C10	Brader <i>et al.</i> , "Adenovirus E1A Expression Enhances the Sensitivity of an Ovarian Cancer Line to Multiple Cytotoxic Agents Through an Apoptotic Mechanisms," Proceedings of the American Association for Cancer Research, 37:30, 1996. (abstract)
	C11	Brunet <i>et al.</i> , "Concentration Dependence of Transcriptional Transactivation in Inducible E1A-Containing Human Cells," <i>Mol. Cell. Bio.</i> , 8(11):4799-4807 (1988).
	C12	Buchman <i>et al.</i> , Appendix A: The SV40 Nucleotide Sequence, <i>DNA Tumor Viruses</i> , 799-813.
	C13	Chan <i>et al.</i> , "Selective inhibition of the growth of <i>ras</i> -transformed human bronchial epithelial cells by emodin, a protein-tyrosine inhibitor," <i>Biochem. Biophys. Res. Commun.</i> , 193:1152-1158, 1993.
de	C14	Chang, <i>et al.</i> , "Paclitaxel by 3-hour infusion followed by 96-hour infusion on failure in patients with refractory malignant disease," <i>Seminars in Oncology</i> , 22(3, Supp.6):124-127, 1995.

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dc	C15	Chevalier, Fumoleau, Kerbrat, Dieras, Roche, Krakowski, Azli, Bayssas, Lentz, Van Glabbeke, "Decetaxel is a major cytotoxic drug for the treatment of advanced breast cancer: a phase II trial of the Clinical Screening Cooperative Group of the European Organization for Research and Treatment of Cancer," <i>J Clin. Oncol.</i> , 13:314-322, 1995.
	C16	Coussens <i>et al.</i> , "Tyrosine Kinase Receptor with Extensive Homology to EGF Receptor Shares Chromosomal Location with <i>neu</i> Oncogene," <i>Science</i> , 230:1132-1139, 1985.
	C17	Douglas <i>et al.</i> , "Modulation of transformation of primary epithelial cells by the second exon of the Ad55 E1A12S gene," <i>Oncogene</i> , 6:2093-2103, 1991.
	C18	Downward <i>et al.</i> , "Close Similarity of Epidermal Growth Factor Receptor and <i>v-erb-B</i> Oncogene Protein Sequences," <i>Nature</i> , 307:521-527, 1984.
	C19	Egan <i>et al.</i> , "Transformation by Oncogenes Encoding Protein Kinases Induces the Metastatic Phenotype," <i>Science</i> , 238:202-205, 1987.
	C20	Felgner <i>et al.</i> , "Gene Therapeutics: The Direct Delivery of Purified Genes <i>in vivo</i> and Their Application as Drugs, Without the Use of Retroviruses, Is Discussed," <i>Nature</i> , 349:351-352 (1991).
	C21	Felgner, P.L., and Ringold, G.M., Cationic liposome-mediated transfection, <i>Nature</i> , 337:387-388, 1989.
	C22	Figge <i>et al.</i> , "Prediction of Similar Transforming Regions in Simian Virus 40 Large T, Adenovirus E1A, and <i>myc</i> Oncoproteins," <i>Journal of Virology</i> , 62:(5)1814-1818, 1988.
	C23	Freedman and Shin, "Use of Nude Mice for Studies on the Tumorigenicity of Animal Cells," <i>The Nude Mouse in Experimental and Clinical Research</i> , 1978.
	C24	Friche <i>et al.</i> , "Effect of anthracycline analogs on photolabelling of p-glycoprotein by [125I]iodomycin and [3H]azidopine: relation to lipophilicity and inhibition of daunorubicin transport in multidrug resistant cells," <i>Br. J. Cancer</i> , 67(2):226-231, 1993.
	C25	Frisch <i>et al.</i> , "Adenovirus E1A Represses Protease Expression and Inhibits Metastasis of Human Tumor Cells," <i>Oncogene</i> , 5:75-83 (1990).
dc	C26	Fung <i>et al.</i> , "Activation of the Cellular Oncogene <i>c-erbB</i> by LTR Insertion: Molecular Basis for Induction of Erythroblastosis by Avian Leukosis Virus," <i>Cell</i> , 33:357-368, 1983.

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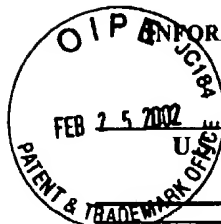
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ll	C27	Gazit <i>et al.</i> , "Chemo-adoptive immunotherapy of nude mice implanted with human colorectal carcinoma and melanoma cell lines," <i>Cancer Immunology Immunotherapy</i> , 35:135-144, 1992.
	C28	Giovanella, Stehlin, Shepard, Williams, "Correlation between response to chemotherapy of human tumors in patients and in nude mice," <i>Cancer</i> , 52:1146-1152, 1982.
	C29	Goo, X., and Huang, L., A Novel Cationic Liposome Reagent for Efficient Transfection of Mammalian Cells, <i>Biochemical and Biophysical Research Communication</i> , 179:(1)280-285, 1991.
	C30	Haley <i>et al.</i> , "Transformation Properties of Type 5 Adenovirus Mutants that Differentially Express the E1A Gene Products," <i>Proc. Natl. Acad. Sci. USA</i> , 81:5734-5738, 1984.
	C31	Harlow <i>et al.</i> , "Monoclonal Antibodies Specific for Adenovirus Early Region 1A Proteins: Extensive Heterogeneity in Early Region 1A Products," <i>J. of Virology</i> , 55(3):533-546 (1985).
	C32	Hearing <i>et al.</i> , "Sequence-Independent Autoregulation of the Adenovirus Type 5 E1A Transcription Unit," <i>Mol. Cell. Bio.</i> , 5(11):3214-3221 (1985).
	C33	Houweling <i>et al.</i> , "Partial Transformation of Primary Rat Cells by the Leftmost 4.5% Fragment of Adenovirus 5 DNA," <i>J. Virology</i> , 105:537-550, 1980.
	C34	Hudziak <i>et al.</i> , "Amplified Expression of the HER2/ERBB2 Oncogene Induces Resistance to Tumor Necrosis Factor α in NIH 3T3 Cells," <i>Proc. Natl. Acad. Sci. USA</i> , 85:5102-5106, 1988.
	C35	Hudziak <i>et al.</i> , "Increased expression of the putative growth factor p185 j^2 causes transformation and tumorigenesis of NIH 3T3 cells," <i>Proc. Natl. Acad. Sci. USA</i> , 84:7159-7163, 1987.
	C36	Hung <i>et al.</i> , "Amplification of the proto- <i>neu</i> oncogene facilitates oncogenic activation by a single point mutation," <i>Proc. Natl. Acad. Sci. USA</i> , 86:2545-2548, 1989.
	C37	Hung <i>et al.</i> , "Molecular cloning of the <i>neu</i> gene: absence of gross structural alteration in oncogenic alleles," <i>Proc. Natl. Acad. Sci. USA</i> , 83:261-264, 1986.
	C38	Hung, "The <i>neu</i> Proto-Oncogene and Breast Cancer," <i>Cancer Bull.</i> , 40:300-303, 1988.
ll	C39	Hung, <i>et al.</i> , "Transcriptional Repression of the HER-2/ <i>neu</i> Protooncogene by Transforming Oncogenes from DNA Tumor Virus," Proceedings of the American Association for Cancer Research, Washington, DC, 31:13, Abstract No. 74.

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de	C40	Jayasuriya <i>et al.</i> , "Emodin, a protein tyrosine kinase inhibitor from <i>Polygonum cuspidatum</i> ," <i>J. Nat. Prod.</i> , 55:696-698, 1992.
	C41	Jinsart <i>et al.</i> , "Inhibition of Myosin Light Chain Kinase, cAMP-Dependent Protein Kinase, Protein Kinase C and of Plant CA-Dependent Protein Kinase by Anthraquinones," <i>Biological Chemistry</i> , 373:903-910, 1992.
	C42	Kalderon, D., and Smith, A.E., "In Vitro Mutagenesis of a Putative DNA Binding Domain of SV40 Large-T," <i>Virology</i> , 139:109-137, 1984.
	C43	Katsumata <i>et al.</i> , "Prevention of breast tumor development <i>in vivo</i> by down-regulation of the p185 ^{neu} receptor" <i>Nature Med.</i> , 1: 644-648, 1995
	C44	Kelner, McMorris, Estes, Starr, Samson, Varki, Taetle, "Nonresponsiveness of the metastatic human lung carcinoma MV522 xenograft to conventional anticancer agents," <i>Anticancer Res.</i> , 15:867-872, 1995.
	C45	Kern <i>et al.</i> , "p185 ^{neu} expression in human lung adenocarcinomas predicts shortened survival," <i>Cancer Res.</i> , 50:5184-5191, 1990.
	C46	Kiyokawa N ; Yan DH; Brown ME; Hung MC "Cell cycle-dependent regulation of p185 ^{neu} : a relationship between disruption of this regulation and transformation." <i>Proc Natl Acad Sci USA</i> , 92 (4) p1092-61995.
	C47	Kraus <i>et al.</i> , "Overexpression of the EGF Receptor-Related Proto-Oncogene <i>erbB-2</i> in Human Mammary Tumor Cell Lines by Different Molecular Mechanisms," <i>EMBO J.</i> , 6(3):605-610, 1987.
	C48	Kupchan and Karim, "Tumor Inhibitors 114. Aloe Emodin: Antileukemia Principle Isolated from <i>Rhamnus frangula</i> ," <i>L. Lloydia</i> , 39:223-224, 1976.
	C49	Land <i>et al.</i> , "Cellular Oncogenes and Multistep Carcinogenesis," <i>Science</i> , 222:771-776, 1983.
	C50	Lee, Bruckner, Szrajer, Brenne, Schindelheim, Andretti, "Taxol inhibits growth of Mesothelioma xenografts," <i>Anticancer Res.</i> , 15:693-696, 1995.
de	C51	Lehvaslaiho <i>et al.</i> , "A chimeric EGF-R- <i>neu</i> proto-oncogene allows EGF to regulate <i>neu</i> tyrosine kinase and cell transformation," <i>EMBO Journal</i> , 8:(1)159-166, 1989.

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Deborah Cramer

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de	C52	Leibiger <i>et al.</i> , "Expression of exogenous DNA in rat liver cells after liposome-mediated transfection <i>in vivo</i> ," <i>Biochemical and Biophysical Research Communications</i> , 174:(3)1223-1231, 1991.
	C53	Li <i>et al.</i> , "Method of Identifying Inhibitors of Oncogenic Transformation: Selective Inhibition of Cell Growth in Serum-Free Medium," <i>Oncogene</i> , 8:1731-1735, 1993.
	C54	Lichtenstein <i>et al.</i> , "Resistance of Human Ovarian Cancer Cells to Tumor Necrosis Factor and Lymphokine-Activated Killer Cells: Correlation with Expression of HER2/ <i>neu</i> Oncogenes," <i>Cancer Research</i> , 50:7364-7370, 1990.
	C55	Liu <i>et al.</i> , "Evidence for Involvement of Tyrosine Phosphorylation in Taxol-Induced Apoptosis in a Human Ovarian Tumor Cell Line," <i>Biochem. Pharmacol.</i> , 48(6):1265-1272, 1994.
	C56	Lupu <i>et al.</i> , "Direct Interaction of a Ligand for the <i>erbB2</i> Oncogene Product with the EGF Receptor and p185 ^{erbB2} ," <i>Science</i> , 249:1552-1554, 1990.
	C57	Matin and Hung, "Negative Regulation of the <i>Neu</i> Promoter by the SV40 Large T Antigen," <i>Cell Growth & Differentiation</i> , 4:1051-1056, 1993.
	C58	Matin, "Regulation of <i>neu</i> gene expression by the simian virus 40 large T antigen and tumor suppressors Rb and p53," <i>Diss. Abstr. Int. B</i> , 54(5):2365, 1993.
	C59	Minna <i>et al.</i> , "Cancer of the lung," In: Devita, V.T., Hellmen, S., Rosenberg, S.A. (eds.) <i>In: Principles and Practice of Oncology</i> , Philadelphia: J.B. Lippincott, pp591-705, 1989.
	C60	Montell <i>et al.</i> , "Complete Transformation by Adenovirus 2 Requires Both E1A Proteins," <i>Cell</i> , 36:951-961, 1984.
	C61	Moran <i>et al.</i> , "Multiple Functional Domains in the Adenovirus E1A Gene," <i>Cell</i> , 48:177-178 (1987).
	C62	Müller <i>et al.</i> , "Differential Expression of Cellular Oncogenes During Pre- and Postnatal Development of the Mouse," <i>Nature</i> , 299:640-644, 1982.
	C63	Muller <i>et al.</i> , "Single-Step Induction of mammary adenocarcinoma in transgenic mice bearing the activated <i>c-neu</i> oncogene," <i>Cell</i> , 54:105-115, 1988.
de	C64	Muthuswamy <i>et al.</i> , "Mammary tumors expressing the <i>neu</i> proto-oncogene possess elevated <i>c-src</i> tyrosine kinase activity," <i>Mol. Cell. Biol.</i> , 14:735-743, 1994.

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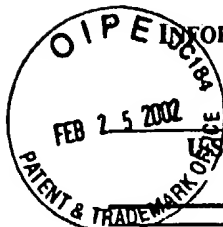
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	C67	Nicolau <i>et al.</i> , Liposomes as Carriers for <i>in Vivo</i> Gene Transfer and Expression, <i>Methods in Enzymology</i> , 149:157-177, 1987.
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	C69	Offringa <i>et al.</i> , "A Novel Function of the Transforming Domain of E1a: Repression of AP-1 Activity," <i>Cell</i> , 62:527-538, 1990.
	C70	Plowman <i>et al.</i> , "Ligand-specific activation of <i>HER4/p180erbB</i> ⁴ a fourth member of the epidermal growth factor family," <i>Proc. Natl. Acad. Sci. USA</i> 90:1746-1750, 1993.
	C71	Pozzatti <i>et al.</i> , "Primary Rat Embryo Cells Transformed by One or Two Oncogenes Show Different Metastatic Potentials," <i>Science</i> , 232:223-227, 1986.
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	C73	Reardon, D.B. and M. Hung, "Downstream Signal Transduction Defects That Suppress Transformation in Two Revertant Cell Lines Expressing Activated Rat <i>neu</i> Oncogene," <i>J. Biol. Chem.</i> , 268(24):18136-18142, 1993.
	C74	Ruley, "Adenovirus Early Region 1A Enables Viral and Cellular Transforming Genes to Transform Primary Cells in Culture," <i>Nature</i> , 304:602-606 (1983).
	C75	Rustgi <i>et al.</i> , "Amino-terminal domains of <i>c-myc</i> and <i>N-myc</i> proteins mediate binding to the retinoblastoma gene product," <i>Nature</i> , 352:541-544, 1991.
	C76	Sassone-Corsi & Borrelli, "Promoter Trans-Activation of Protooncogenes <i>c-fos</i> and <i>c-myc</i> , but not <i>c-Ha-ras</i> , by Products of Adenovirus Early Region 1A," <i>Proc. Natl. Acad. Sci. USA</i> , 84:6430-6433, 1987.
de	C77	Schechter <i>et al.</i> , "The <i>neu</i> oncogene: an <i>erb-B</i> -related gene encoding a 185,000-M _r tumour antigen," <i>Nature</i> , 312:513-516, 1984.

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